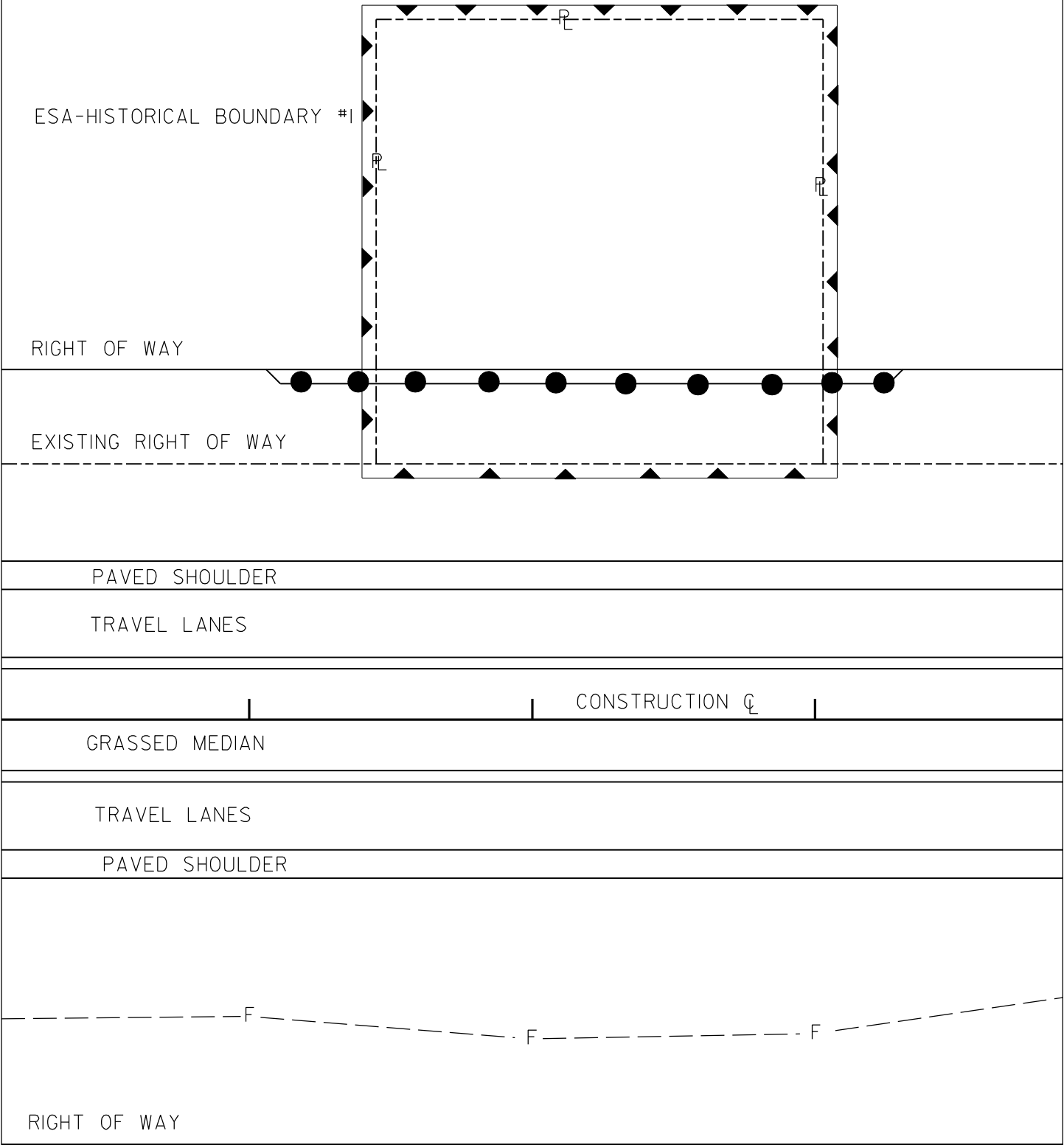


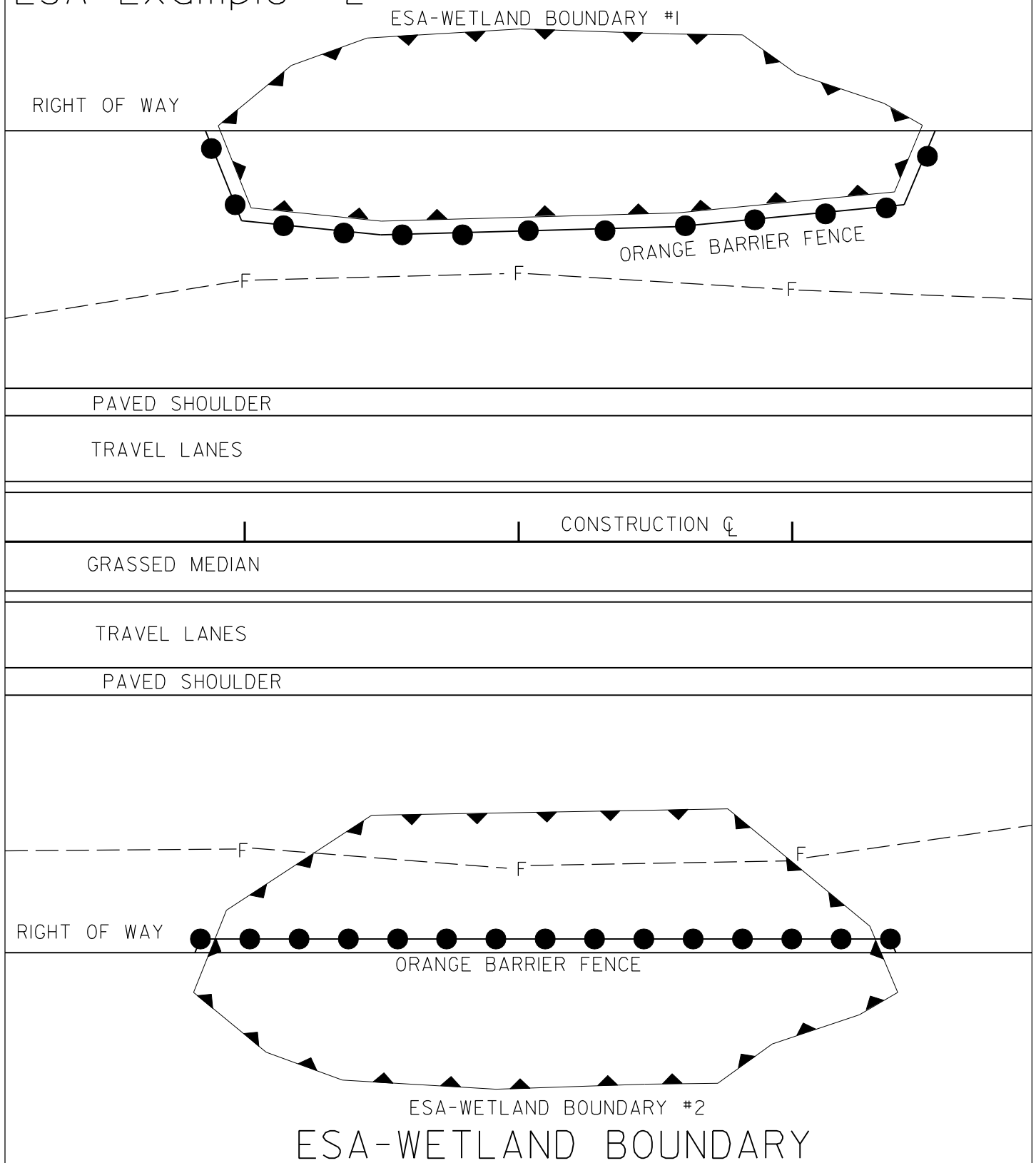
ESA Example #1



ESA-HISTORY BOUNDARY

NOTES: Top Example
The Designer is responsible for acquiring the appropriate permits to allow the contractor to work within the ESA shown in the example.

ESA Example #2

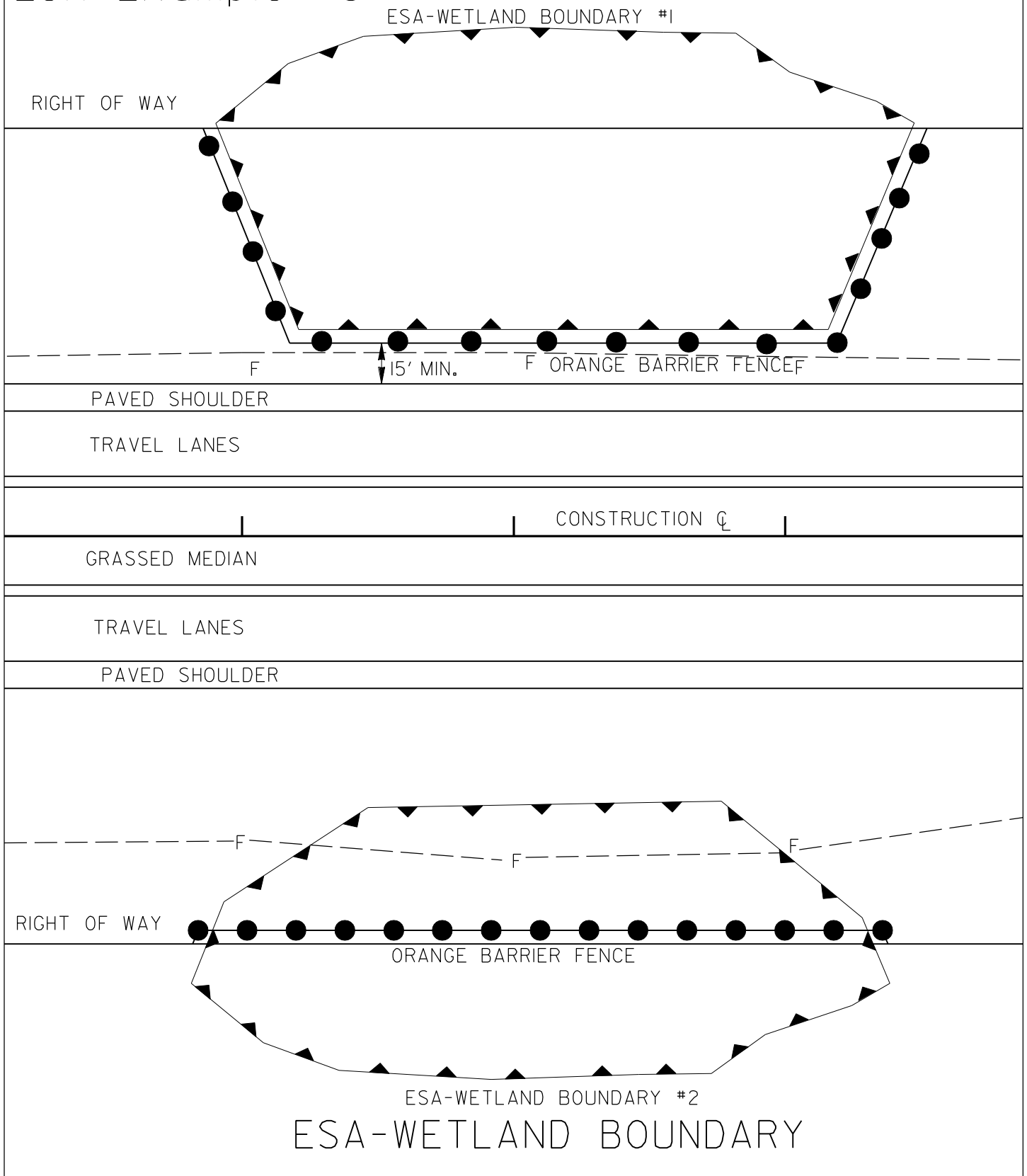


NOTES (NOT TO BE ADDED TO CONSTRUCTION PLANS)

TOP EXAMPLE- Wetlands on GDOT Right of Way.-The contractor is not permitted to enter the wetlands.

BOTTOM EXAMPLE- Wetlands are on GDOT Right of Way but the GDOT Contractor is permitted to perform work within the wetlands. Work within the Wetland Boundary must be permitted.

ESA Example #3

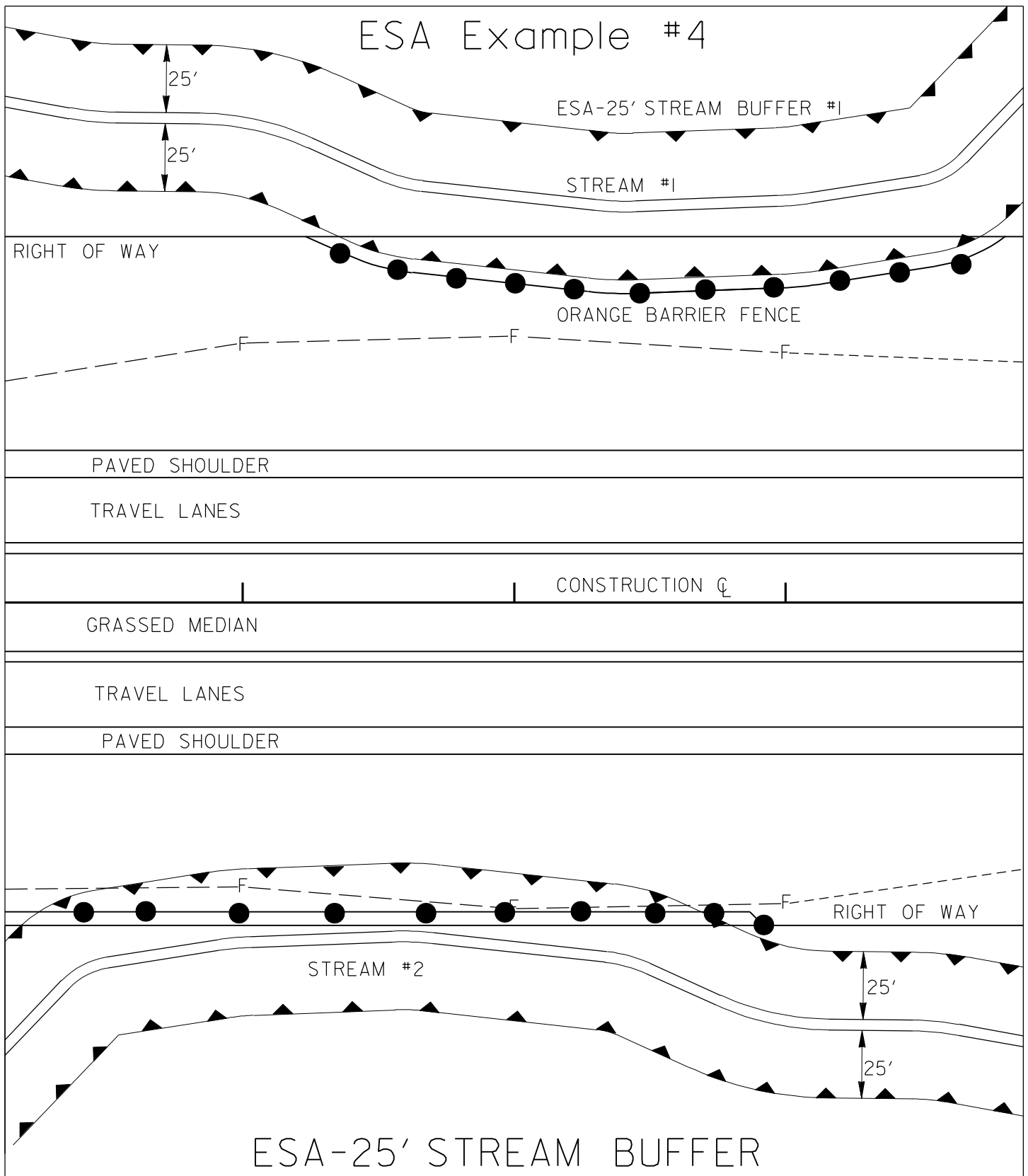


NOTES (NOT TO BE ADDED TO CONSTRUCTION PLANS)

TOP EXAMPLE- Orange barrier fence shall be placed a minimum of 15' from the edge of pavement.

Dimensions are shown For Information Only. Dimensions are not required to be shown on a set of plans, but they may be shown if additional clarification is required to delineate ESA's or orange barrier fence locations.

ESA Example #4



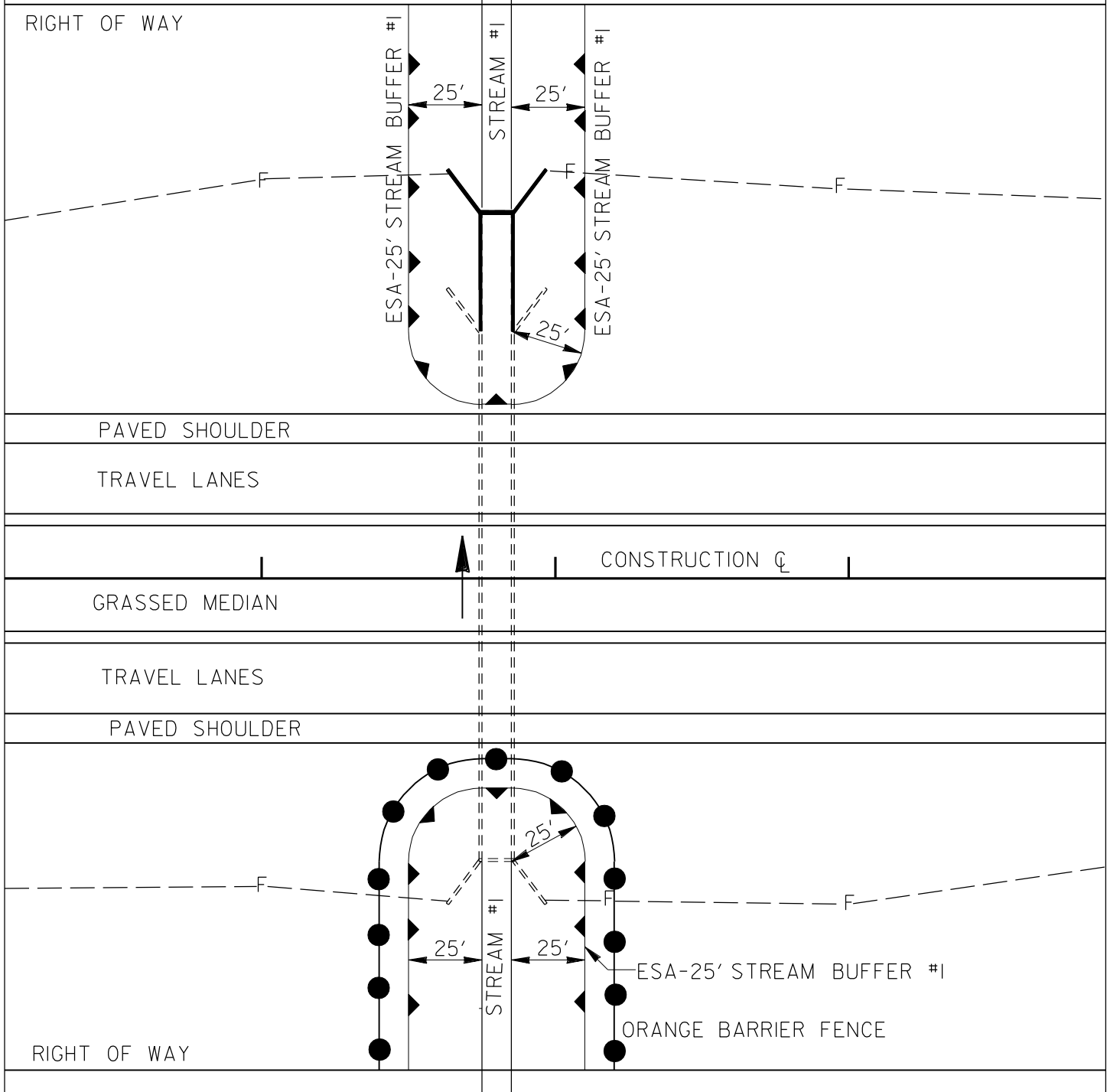
NOTES (NOT TO BE ADDED TO CONSTRUCTION PLANS)

TOP EXAMPLE- A Longitudinal Stream Buffer is on GDOT Right of Way and the contractor is not permitted to enter the Stream Buffer.

BOTTOM EXAMPLE- A Longitudinal Stream Buffer is on GDOT Right of Way but the GDOT contractor is permitted to perform work within the stream Buffer. The Buffer is impacted, and a Stream buffer variance is required.

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ESA Example #5



ESA-25' STREAM BUFFER

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)

TOP EXAMPLE - For construction of a roadway drainage structure, the contractor is permitted to work within a area 50' to the left and right of the culvert projected to the right of way line, assuming the right of way is not "excessive". Should additional work area beyond the 50' be required to construct the drainage structure, consult with EPD to determine whether a buffer variance is required.

BOTTOM EXAMPLE - Culvert is not extended. the buffer is not impacted, and the contractor is not permitted to perform work within the buffer,

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ESA Example #6

RIGHT OF WAY

ESA-25' STREAM BUFFER #1

25'

25'

ORANGE
BARRIER
FENCE

ESA-25' STREAM BUFFER #1

50'

ESA-25' STREAM BUFFER #1

STREAM #1

25'

PAVED SHOULDER

TRAVEL LANES

75°

CONSTRUCTION CL

GRASSED MEDIAN

TRAVEL LANES

PAVED SHOULDER

ESA-25' STREAM BUFFER #1

STREAM #1

ESA-25' STREAM BUFFER #1

25'

25'

RIGHT OF WAY

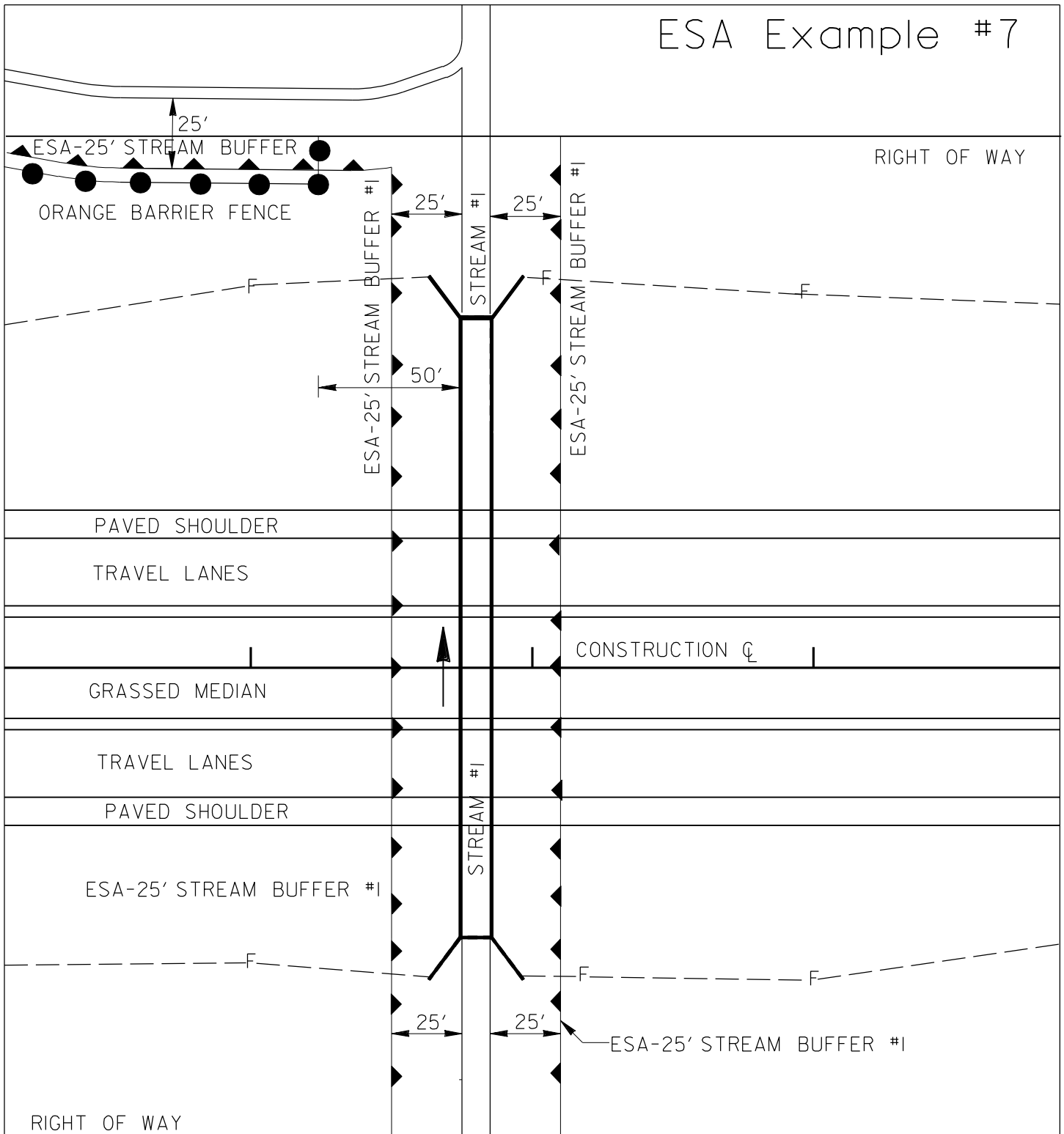
ESA-25' STREAM BUFFER

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)

For construction of a roadway drainage structure, the contractor is permitted to work within a area 50' to the left and right of the culvert projected to the right of way line, assuming the right of way is not "excessive". Should additional work area beyond the 50' be required to construct the drainage structure, consult with EPD to determine whether a buffer variance is required.

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ESA Example #7



ESA-25' STREAM BUFFER NEW LOCATION

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)

For construction of a roadway drainage structure, the contractor is permitted to work within a area 50' to the left and right of the culvert projected to the right of way line, assuming the right of way is not "excessive". Should additional work area beyond the 50' be required to construct the drainage structure, consult with EPD to determine whether a buffer variance is required.

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ESA Example #8

RIGHT OF WAY

ESA-25' STREAM BUFFER #1

STREAM #1

ESA-25' STREAM BUFFER #1

PAVED SHOULDER

TRAVEL LANES

GRASSED MEDIAN

TRAVEL LANES

PAVED SHOULDER

ESA-25' STREAM BUFFER #1

ESA-25' STREAM BUFFER #1

CONSTRUCTION C

ORANGE BARRIER FENCE

STREAM #2

RIGHT OF WAY

ESA-25' STREAM BUFFER

NEW LOCATION

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)

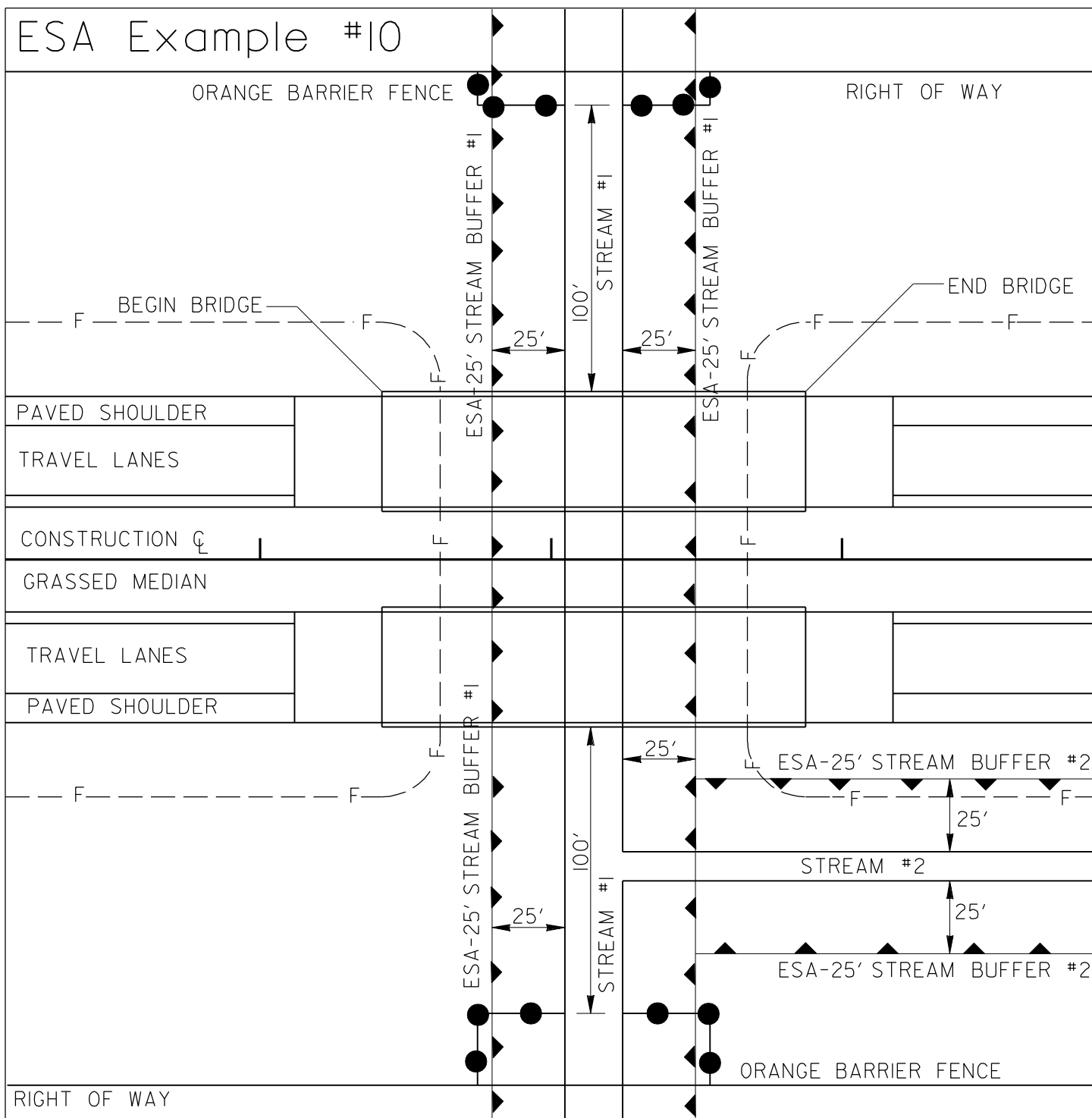
For construction of a roadway drainage structure, the contractor is permitted to work within a area 50' to the left and right of the culvert projected to the right of way line, assuming the right of way is not "excessive". Should additional work area beyond the 50' be required to construct the drainage structure, consult with EPD to determine whether a buffer variance is required.

Dimensions are shown For Information Only. Dimensions are not required to be shown on a set of plans, but they may be shown if additional clarification is required to delineate ESA's or orange barrier fence locations.

The diagram illustrates a bridge crossing a stream, showing the required ESA-25' stream buffers on both sides. The bridge structure is shown with travel lanes, paved shoulders, and a grassed median. The stream is 100 feet wide. The buffers are 25 feet wide on each side of the stream. The diagram also shows the location of the bridge piers, the stream, and the surrounding land. The text 'ESA-25' STREAM BUFFER' is written vertically on both sides of the stream. The text 'ORANGE BARRIER FENCE' is written at the top and bottom of the diagram. The text 'RIGHT OF WAY' is written on the left and right sides. The text 'BEGIN BRIDGE' and 'END BRIDGE' are written near the bridge structure. The text 'PAVED SHOULDER', 'TRAVEL LANES', and 'CONSTRUCTION CL' are written within the bridge structure. The text 'GRASSED MEDIAN' is written below the bridge structure. The text '100'' and '25'' are written near the stream and buffers. The text 'STREAM #1' is written vertically in the center of the stream. The text 'ESA-25' STREAM BUFFER #1' is written vertically on both sides of the stream. The text 'F' is written near the buffers. The text 'ORANGE BARRIER FENCE' is written at the bottom right. The text 'RIGHT OF WAY' is written at the bottom left. The text 'BEGIN BRIDGE' and 'END BRIDGE' are written near the bridge structure. The text 'PAVED SHOULDER', 'TRAVEL LANES', and 'CONSTRUCTION CL' are written within the bridge structure. The text 'GRASSED MEDIAN' is written below the bridge structure. The text '100'' and '25'' are written near the stream and buffers. The text 'STREAM #1' is written vertically in the center of the stream. The text 'ESA-25' STREAM BUFFER #1' is written vertically on both sides of the stream. The text 'F' is written near the buffers.

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)
The Contractor is permitted to work within 100' of the outside of a bridge structure. Should additional work area beyond the 100' be needed to construct the bridge, consult with the EPD to determine whether a buffer variance is required.
Dimensions are shown For Information Only. Dimensions are not required to be shown on a set of plans, but they may be shown if additional clarification is required to delineate ESA's or orange barrier fence locations.

ESA Example #10



ESA-25' STREAM BUFFER

NOTES (NOT TO BE ADDED TO CONSTRUCTION PLAN)

The Contractor is permitted to work within the Stream #1 buffer because Stream #1 is within 100' of the bridge structure. Additionally, the impacts to Stream #2 are longitudinal impacts. The appropriate permits for the Stream #2 needs to be acquired to allow the contractor to work within the Stream #2 buffer as shown in this example. Should additional work area beyond the 100' be needed to construct the bridge, consult with the EPD to determine whether a buffer variance is required.

Dimensions are shown For Information Only. Dimensions are not required to be shown on a set of plans, but they may be shown if additional clarification is required to delineate ESA's or orange barrier fence locations.